[0014] In another refinement of the aspect the blood glucose meter includes a memory configured to store blood glucose measurement data.

[0015] In another refinement of the aspect the blood glucose measurement data is transferred from the blood glucose meter to the docking device when the blood glucose meter is positioned in the internal receptacle and the first connection element is engaged with the second connection element. Such a data transfer may occur generally automatically, e.g. seamlessly.

[0016] In another refinement of the aspect the docking device is configured to process the blood glucose measurement data and provide an output to a user of the docking device after the blood glucose measurement is processed.

[0017] In another refinement of the aspect the output is a graphical representation of the blood glucose measurement data.

[0018] In another refinement, the stand-alone blood glucose meter is configured to perform blood glucose measurements on a blood sample supplied to a test element, whether used as a stand-alone device or while positioned in the internal receptacle of the docking device with the first and second connections engaged. In the case of the latter, currently determined blood glucose measurement data is displayed directly on the display of the docking device.

[0019] In another refinement, a blood glucose measurement is provided on the display of the blood glucose meter in response to measuring a glucose level with the blood glucose meter when the glucose meter is not positioned in the internal receptacle of the docking device.

[0020] In another refinement, a blood glucose measurement is provided on the display of the docking device in response to measuring a glucose level with the blood glucose meter when the blood glucose meter is positioned in the internal receptacle of the docking device.

[0021] In a further aspect, a system includes a portable, stand alone blood glucose meter and a plurality of portable, handheld docking devices. Each of the docking devices includes a housing defining an internal receptacle sized and structured to receive the blood glucose meter. The internal receptacle also includes an interface for communicating with the blood glucose meter when the blood glucose meter is positioned therein. Each one of the plurality of docking devices is operable to communicate with the blood glucose meter to perform a unique set of diabetes management functions relative to the other of the plurality of docking devices.

[0022] In one refinement of the aspect the blood glucose meter and each one of the plurality of docking devices further includes a display, a user entry means for receiving user input, a memory and a programmable processor operatively connected to the display, the user entry means and the memory.

[0023] In another refinement of the aspect the memory of the blood glucose meter stores a program for operating the processor of the blood glucose meter. The processor of the blood glucose meter is operable with the program to produce at least one blood glucose measurement, provide the at least one blood glucose measurement on the display of the blood glucose meter and store the at least one blood glucose measurement in the memory of the blood glucose meter.

[0024] In another refinement of the aspect the memory of the blood glucose meter includes a calendar that stores a schedule of events and the processor of the blood glucose meter is operable with the program to activate a reminder of each of the events to a user.

[0025] In another refinement of the aspect at least one of the plurality of docking devices is operable to organize the schedule of events when the blood glucose meter is positioned in the internal receptacle of the at least one docking device.

[0026] In another refinement of the aspect the schedule of events includes a plurality of predetermined times for measuring blood glucose levels.

[0027] In another refinement of the aspect the user entry means of the blood glucose meter includes a plurality of buttons.

[0028] In another refinement of the aspect the processor of the blood glucose meter is operable with the program upon activation of a first one of the plurality of buttons by a user to activate a reminder for measuring blood glucose levels after one of a plurality of predefined periods of time.

[0029] In another refinement of the aspect the one of a plurality of predefined periods of time is determined by a number of times a user activates the first one of the plurality of buttons.

[0030] In another refinement of the aspect the memory of each of the docking devices stores a unique management program for operating the processor of the respective docking device.

[0031] In another refinement of the aspect the processor of at least one of the plurality of docking devices is operable to process the at least one blood glucose measurement stored in the memory of the blood glucose meter.

[0032] In another refinement of the aspect the processor of the at least one of the plurality of docking devices is further operable to perform one or more of the disease management functions after the at least one blood glucose measurement is processed.

[0033] In another refinement of the aspect the disease management functions include at least one of providing a graphical representation of the at least one blood glucose measurement and providing instructions to an insulin delivery device.

[0034] In another refinement of the aspect the processor of the at least one of the plurality of docking devices provides a graphical representation of the at least one blood glucose measurement when the blood glucose meter is positioned in the internal receptacle of the at least one of the plurality of docking devices. In one form of this refinement, the graphical representation may generally be provided automatically, e.g. seamlessly.

[0035] In another refinement of the aspect the processor of at least one of the plurality of docking devices is operable with a respective management program to format the program for operating the processor of the blood glucose meter.

[0036] In another refinement of the aspect the user entry means of at least one of the plurality of docking devices is defined by one or more of a touch screen, a camera and a voice recorder.

[0037] In another aspect, a method includes providing a portable, handheld docking device including a display and a housing defining an external profile of the docking device and an internal receptacle structured to house a stand-alone blood glucose meter; positioning the blood glucose meter in the internal receptacle while substantially retaining the external profile of the docking device; and in response to the positioning, transferring information from at least one of the docking device and the blood glucose meter to the other of the docking device and the blood glucose meter.